

IN THE CLAIMS

For the convenience of the Examiner, all claims have been presented whether or not an amendment has been made. The claims have been amended as follows:

1. **(Currently Amended)** A system, comprising:
a first portable thread environment (PTE), comprising a diagnostic tool;
a second PTE configured to receive and send threads, each thread comprising a plurality of executable program fragments;
a third PTE configured to receive and send the threads; and
a PTE router configured to receive the threads and route said threads, wherein the router copies the threads and routes the copies to the diagnostic tool.

2. **(Original)** The system of claim 1, wherein the diagnostic tool uses the copies to generate diagnostic messages.

3. **(Original)** The system of claim 2, wherein the diagnostic messages show the threads' execution order.

4. **(Original)** The system of claim 2, wherein the diagnostic messages show all messages generated by the threads.

5. **(Original)** The system of claim 2, wherein the diagnostic messages show all messages generated for the threads.

6. **(Original)** The system of claim 2, wherein the diagnostic messages trigger new events to be performed.

7. **(Original)** The system of claim 2, wherein the diagnostic tool identifies the threads' source.

8. **(Original)** The system of claim 2, wherein the diagnostic tool truncates threads exceeding a predetermined size.

9. **(Currently Amended)** A method, comprising:
intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;
copying the threads;
generating a diagnostic message by a PTE Tool; and
displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.
10. **(Original)** The method as in claim 9, wherein the diagnostic message shows all messages generated by the threads.
11. **(Original)** The method as in claim 9, wherein the diagnostic message shows all messages generated for the threads.
12. **(Original)** The method as in claim 9, wherein the diagnostic message triggers new events to be performed.
13. **(Original)** The method as in claim 9, wherein the diagnostic tool identifies the threads' sources.
14. **(Original)** The method as in claim 9, wherein the diagnostic tool truncates the threads exceeding a predetermined size.

15. **(Currently Amended)** A system, comprising:
means for intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;
means for copying the threads;
means for generating a diagnostic message by a PTE Tool; and
means for displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.
16. **(Original)** The system of claim 15, wherein the diagnostic message shows all messages generated by the threads.
17. **(Original)** The system of claim 15, wherein the diagnostic message shows all messages generated for the threads.
18. **(Original)** The system of claim 15, wherein the diagnostic message triggers new events to be performed.
19. **(Original)** The system of claim 15, wherein the diagnostic tool identifies the threads' sources.
20. **(Original)** The system of claim 15, wherein the diagnostic tool truncates the threads exceeding a predetermined size.

21. **(Currently Amended)** A computer-readable medium having stored thereon a plurality of instructions, said plurality of instructions when executed by a computer, cause said computer to perform:

intercepting threads passed from a first PTE to a second PTE, each thread comprising a plurality of executable program fragments;

copying the threads;

generating a diagnostic message by a PTE Tool; and

displaying the diagnostic message, wherein the diagnostic message shows the threads' execution order.

22. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message shows all messages generated by the threads.

23. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message shows all messages generated for the threads.

24. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic message triggers new events to be performed.

25. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic tool identifies the threads' sources.

26. **(Original)** The computer-readable medium of claim 21, wherein the diagnostic tool truncates the threads exceeding a predetermined size.